



**PATENT**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Atty Docket No. A01449  
CJ/sd

In re application of:  
Lifeng Zhang : Confirmation No. 9011  
  
Serial No.: 10/677,436 : Group Art Unit: 1623  
  
Filed: 10/02/03 : Examiner:

For: Method For Improving Viscosity Of Thickeners For Aqueous Systems

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

In accordance with applicant(s)' duty of disclosure under 37 C.F.R. § 1.56(a) and pursuant to 37 C.F.R. § 1.97 - 1.98, Applicant(s) submit(s) herewith copies of the documents listed on the enclosed Form, PTO-1449 "List of Art Cited by Applicant." Inclusion of a document in this Information Disclosure Statement is not intended to constitute an admission that any document so disclosed is "prior art" with respect to the present invention unless specifically so stated herein.

The filing of this Information Disclosure Statement shall not be construed to mean that a search has been made, or that no other material information, as defined in 37 C.F.R. § 1.56(a) exists.

The Examiner may find the enclosed documents relevant to the invention of the present application.

In accordance with 37 CFR §1.98(a)(2), a copy of each item listed on the enclosed Form, PTO-1449, is included herewith.

Enclosed is European Search Report for corresponding European Application Number EP 03 25 5812 dated January 23, 2004.

CERTIFICATION

Check one of the following two paragraphs

- [ X ] The additional references cited herewith were cited in a communication from a non-US patent office regarding a non-US counterpart application not more than 3 months prior to the filing of this statement, or
- [ ] The additional references were not cited in such a communication and were not known to any individual having a duty of disclosure more than 3 months prior to the filing of this statement.

Respectfully submitted,



Andrew E. C. Merriam

Attorney for Applicant(s)

Registration No. 47,268

Telephone No.: 215-592-6758

Date: March 24, 2004  
Rohm and Haas Company  
100 Independence Mall West  
Philadelphia, PA 19106-2399



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Atty Docket No. A01449  
CJ/sd

In re application of:

Lifeng Zhang : Confirmation No. 9011

Serial No.: 10/677,436 : Group Art Unit: 1623

Filed: 10/02/03 : Examiner:

For: Method For Improving Viscosity Of Thickeners For Aqueous Systems

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**

Sir:

I hereby certify that the following correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated next to my signature below:

Supplemental Information Disclosure Statement  
List of Art Cited (Form PTO 1449)  
Cited Art  
Postcard

March 24, 2004  
Date

Shelley Dilmy  
Signature



Sheet 1 of 1

# LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

Atty Docket No. <b>A01449</b>	Serial No. <b>10/677,436</b>
Applicant <b>Lifeng Zhang</b>	
Filing Date <b>10/02/03</b>	Group <b>1623</b>

## U.S. Patent Documents

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	Class/Subclass	FILING DATE IF APPROPRIATE
	AA	2003/171459A1	09/11/03	Sau		10/29/01
	AB	2002/165313A1	11/07/02	Tanzer		12/26/01
	AC	5,137,571	08/11/92	Eisenhart et al		
	AD	5,376,709	12/27/94	Lau et al		
	AE	5,425,806	06/20/95	Doolan et al		
	AF					
	AG					
	AH					
	AI					
	AJ					

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	Class/Subclass	Translation Yes/No
	AL	EP0460896	12/11/91	EP		Equiv. To US 5,137,571 A
	AM	EP0614950	09/14/94	EP		Equiv. To US 5,376,709 A
	AN	WO03037989	05/08/03	PCT		Equiv. To US 2003171459 A1
	AO	EP1236776 A	09/04/02	EP		Equiv. To US 2002/165313 A1
	AP	EP0682094A	11/15/95	EP		Equiv. To US 5425806 A

## OTHER ART (Including Author, Title, Date, Pertinent Patents, etc.)

AR	Zeying Ma et al ; "Complexations of Beta-Cyclodextrin with Surfactants and Hydrophobically Modified Ethoxylated Urethanes"; ACS Symposium Series, vol. 765, 2000, pages 254-270, XP008026121 USA
AS	Karlson L et al; "A rheological investigation of the complex formation between hydrophobically modified ethyl (hydroxy ethyl) cellulose and cyclodextrin"; Carbohydrate Polymers, Applied Science Publishers, Ltd. Barking, GB, vol. 50, no. 3; 11/15/02; pages 219-226, XP004395899; ISSN, 01448617

Examiner

Date Considered

\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.